

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/562, 852 A  
Source: IFWO  
Date Processed by STIC: 09/13/2006

# ***ENTERED***

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/562, 852A

CRF Edit Date: 09/13/2006  
Edited by: DA

\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

\_\_\_ Deleted: \_\_\_ invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

\_\_\_ Other:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



IFWO

## RAW SEQUENCE LISTING

DATE: 09/13/2006

PATENT APPLICATION: US/10/562,852A

TIME: 15:55:35

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09132006\J562852A.raw

3 <110> APPLICANT: Gazit, Ehud  
 5 <120> TITLE OF INVENTION: PEPTIDES ANTIBODIES DIRECTED THEREAGAINST AND METHODS USING  
 SAME  
 6 FOR DIAGNOSING AND TREATING AMYLOID-ASSOCIATED DISEASES  
 8 <130> FILE REFERENCE: 31230  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/562,852A  
 C--> 10 <141> CURRENT FILING DATE: 2005-12-30  
 10 <160> NUMBER OF SEQ ID NOS: 150  
 12 <170> SOFTWARE: PatentIn version 3.2  
 14 <210> SEQ ID NO: 1  
 15 <211> LENGTH: 8  
 16 <212> TYPE: PRT  
 17 <213> ORGANISM: Artificial sequence  
 19 <220> FEATURE:  
 20 <223> OTHER INFORMATION: Synthetic peptide  
 22 <400> SEQUENCE: 1  
 24 Asn Phe Gly Ala Ile Leu Ser Ser  
 25 1 5  
 28 <210> SEQ ID NO: 2  
 29 <211> LENGTH: 8  
 30 <212> TYPE: PRT  
 31 <213> ORGANISM: Artificial sequence  
 33 <220> FEATURE:  
 34 <223> OTHER INFORMATION: Synthetic peptide  
 36 <400> SEQUENCE: 2  
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 43 <211> LENGTH: 8  
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 45 <213> ORGANISM: Artificial sequence  
 47 <220> FEATURE:  
 48 <223> OTHER INFORMATION: Synthetic peptide  
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 59 <213> ORGANISM: Artificial sequence  
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 62 <223> OTHER INFORMATION: Synthetic peptide  
 64 <400> SEQUENCE: 4  
 66 Asn Phe Ala Ala Ile Leu Ser Ser

## RAW SEQUENCE LISTING

DATE: 09/13/2006

PATENT APPLICATION: US/10/562,852A

TIME: 15:55:35

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09132006\J562852A.raw

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81 1          5
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85 <211> LENGTH: 8
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Synthetic peptide
92 <400> SEQUENCE: 6
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95 1          5
98 <210> SEQ ID NO: 7
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101 <213> ORGANISM: Artificial sequence
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113 <221> NAME/KEY: misc_feature
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133 <220> FEATURE:
134 <223> OTHER INFORMATION: Synthetic peptide
136 <400> SEQUENCE: 8
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## RAW SEQUENCE LISTING

DATE: 09/13/2006

PATENT APPLICATION: US/10/562,852A

TIME: 15:55:35

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09132006\J562852A.raw

142 <210> SEQ ID NO: 9  
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148 <223> OTHER INFORMATION: Synthetic peptide  
150 <400> SEQUENCE: 9  
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153 1 5  
156 <210> SEQ ID NO: 10  
157 <211> LENGTH: 6  
158 <212> TYPE: PRT  
159 <213> ORGANISM: Artificial sequence  
161 <220> FEATURE:  
162 <223> OTHER INFORMATION: Synthetic peptide  
164 <400> SEQUENCE: 10  
166 Asn Phe Gly Ala Ala Leu  
167 1 5  
170 <210> SEQ ID NO: 11  
171 <211> LENGTH: 6  
172 <212> TYPE: PRT  
173 <213> ORGANISM: Artificial sequence  
175 <220> FEATURE:  
176 <223> OTHER INFORMATION: Synthetic peptide  
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180 Asn Phe Gly Ala Ile Ala  
181 1 5  
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186 <212> TYPE: PRT  
187 <213> ORGANISM: Artificial sequence  
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190 <223> OTHER INFORMATION: Synthetic peptide  
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199 <211> LENGTH: 5  
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201 <213> ORGANISM: Artificial sequence  
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204 <223> OTHER INFORMATION: Synthetic peptide  
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209 1 5  
212 <210> SEQ ID NO: 14  
213 <211> LENGTH: 9  
214 <212> TYPE: PRT  
215 <213> ORGANISM: Artificial sequence

## RAW SEQUENCE LISTING

DATE: 09/13/2006

PATENT APPLICATION: US/10/562,852A

TIME: 15:55:35

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09132006\J562852A.raw

217 <220> FEATURE:  
218 <223> OTHER INFORMATION: Synthetic peptide  
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232 <223> OTHER INFORMATION: Synthetic peptide  
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236 Asn Phe Leu Val His Ser Ser  
237 1 5  
240 <210> SEQ ID NO: 16  
241 <211> LENGTH: 6  
242 <212> TYPE: PRT  
243 <213> ORGANISM: Artificial sequence  
245 <220> FEATURE:  
246 <223> OTHER INFORMATION: Synthetic peptide  
248 <400> SEQUENCE: 16  
250 Phe Leu Val His Ser Ser  
251 1 5  
254 <210> SEQ ID NO: 17  
255 <211> LENGTH: 5  
256 <212> TYPE: PRT  
257 <213> ORGANISM: Artificial sequence  
259 <220> FEATURE:  
260 <223> OTHER INFORMATION: Synthetic peptide  
262 <400> SEQUENCE: 17  
264 Asn Phe Leu Val His  
265 1 5  
268 <210> SEQ ID NO: 18  
269 <211> LENGTH: 5  
270 <212> TYPE: PRT  
271 <213> ORGANISM: Artificial sequence  
273 <220> FEATURE:  
274 <223> OTHER INFORMATION: Synthetic peptide  
276 <400> SEQUENCE: 18  
278 Phe Leu Val His Ser  
279 1 5  
282 <210> SEQ ID NO: 19  
283 <211> LENGTH: 4  
284 <212> TYPE: PRT  
285 <213> ORGANISM: Artificial sequence  
287 <220> FEATURE:  
288 <223> OTHER INFORMATION: Synthetic peptide  
290 <400> SEQUENCE: 19  
292 Phe Leu Val His

## RAW SEQUENCE LISTING

DATE: 09/13/2006

PATENT APPLICATION: US/10/562,852A

TIME: 15:55:35

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09132006\J562852A.raw

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299 <213> ORGANISM: Artificial sequence  
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302 <223> OTHER INFORMATION: Synthetic peptide  
304 <400> SEQUENCE: 20  
306 Asn Phe Gly Ser Val Gln Val Phe  
307 1 5  
310 <210> SEQ ID NO: 21  
311 <211> LENGTH: 6  
312 <212> TYPE: PRT  
313 <213> ORGANISM: Artificial sequence  
315 <220> FEATURE:  
316 <223> OTHER INFORMATION: Synthetic peptide  
318 <400> SEQUENCE: 21  
320 Asn Phe Gly Ser Val Gln  
321 1 5  
324 <210> SEQ ID NO: 22  
325 <211> LENGTH: 5  
326 <212> TYPE: PRT  
327 <213> ORGANISM: Artificial sequence  
329 <220> FEATURE:  
330 <223> OTHER INFORMATION: Synthetic peptide  
332 <400> SEQUENCE: 22  
334 Asn Phe Gly Ser Val  
335 1 5  
338 <210> SEQ ID NO: 23  
339 <211> LENGTH: 5  
340 <212> TYPE: PRT  
341 <213> ORGANISM: Artificial sequence  
343 <220> FEATURE:  
344 <223> OTHER INFORMATION: Synthetic peptide  
346 <400> SEQUENCE: 23  
348 Phe Gly Ser Val Gln  
349 1 5  
352 <210> SEQ ID NO: 24  
353 <211> LENGTH: 4  
354 <212> TYPE: PRT  
355 <213> ORGANISM: Artificial sequence  
357 <220> FEATURE:  
358 <223> OTHER INFORMATION: Synthetic peptide  
360 <400> SEQUENCE: 24  
362 Gly Ser Val Gln  
363 1  
366 <210> SEQ ID NO: 25  
367 <211> LENGTH: 4  
368 <212> TYPE: PRT

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 09/13/2006  
PATENT APPLICATION: US/10/562,852A      TIME: 15:55:36

Input Set : A:\pto.da.txt  
Output Set: N:\CRF4\09132006\J562852A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; Xaa Pos. 1,2,3,4,5

Seq#:90; Xaa Pos. 4

Seq#:113; Xaa Pos. 1,4

Seq#:114; Xaa Pos. 1,4

Seq#:117; Xaa Pos. 1

Seq#:118; Xaa Pos. 3

Seq#:121; Xaa Pos. 2

Seq#:125; Xaa Pos. 1,4

Seq#:127; Xaa Pos. 1,4

Seq#:129; Xaa Pos. 1,4

Seq#:131; Xaa Pos. 1,4

Seq#:135; Xaa Pos. 3

Seq#:136; Xaa Pos. 1

Seq#:137; Xaa Pos. 1,4

Seq#:143; Xaa Pos. 2

Seq#:145; Xaa Pos. 2

Seq#:149; Xaa Pos. 3

Seq#:150; Xaa Pos. 3



## VERIFICATION SUMMARY

DATE: 09/13/2006

PATENT APPLICATION: US/10/562,852A

TIME: 15:55:36

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09132006\J562852A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:1272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90 after pos.:0  
L:1616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:0  
L:1641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:0  
L:1695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:0  
L:1715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:0  
L:1774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:0  
L:1853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:125 after pos.:0  
L:1892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:127 after pos.:0  
L:1942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129 after pos.:0  
L:1987 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:0  
L:2060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135 after pos.:0  
L:2080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136 after pos.:0  
L:2105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137 after pos.:0  
L:2212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143 after pos.:0  
L:2252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:145 after pos.:0  
L:2337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149 after pos.:0  
L:2362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:150 after pos.:0

**Raw Sequence Listing before editing,  
for reference only**



IFWO

## RAW SEQUENCE LISTING

DATE: 09/11/2006

PATENT APPLICATION: US/10/562,852A

TIME: 13:55:46

Input Set : A:\31230 Sequence Listing.txt

Output Set: N:\CRF4\09112006\J562852A.raw

3 <110> APPLICANT: Gazit, Ehud  
 5 <120> TITLE OF INVENTION: PEPTIDES ANTIBODIES DIRECTED THEREAGAINST AND  
 METHODS USING SAME  
 6 FOR DIAGNOSING AND TREATING AMYLOID-ASSOCIATED DISEASES  
 8 <130> FILE REFERENCE: 31230  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/562,852A  
 C--> 10 <141> CURRENT FILING DATE: 2005-12-30  
 10 <160> NUMBER OF SEQ ID NOS: 150  
 12 <170> SOFTWARE: PatentIn version 3.2

Does Not Comply  
 Corrected Diskette Needed  
 (pg-1)

## ERRORED SEQUENCES

2341 <210> SEQ ID NO: 150  
 2342 <211> LENGTH: 3  
 2343 <212> TYPE: PRT  
 2344 <213> ORGANISM: Artificial sequence  
 2346 <220> FEATURE:  
 2347 <223> OTHER INFORMATION: Synthetic peptide  
 2350 <220> FEATURE:  
 2351 <221> NAME/KEY: misc\_feature  
 2352 <222> LOCATION: (2)..(2)  
 2353 <223> OTHER INFORMATION: Stereoisomer D  
 2355 <220> FEATURE:  
 2356 <221> NAME/KEY: misc\_feature  
 2357 <222> LOCATION: (3)..(3)  
 2358 <223> OTHER INFORMATION: Beta-aminoisobutyric acid (Aib)  
 2360 <400> SEQUENCE: 150  
 W--> 2362 Cys Trp Xaa  
 2363 1  
 E--> 2369 1

Q  
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## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/562,852A

DATE: 09/11/2006

TIME: 13:55:47

Input Set : A:\31230 Sequence Listing.txt

Output Set: N:\CRF4\09112006\J562852A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:1272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90 after pos.:0  
L:1616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:0  
L:1641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:0  
L:1695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:0  
L:1715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:0  
L:1774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:0  
L:1853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:125 after pos.:0  
L:1892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:127 after pos.:0  
L:1942 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129 after pos.:0  
L:1987 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:0  
L:2060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135 after pos.:0  
L:2080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136 after pos.:0  
L:2105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137 after pos.:0  
L:2212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143 after pos.:0  
L:2252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:145 after pos.:0  
L:2337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149 after pos.:0  
L:2362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:150 after pos.:0  
L:2369 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:150